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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/838,895	04/20/2001	Young-Sik Park	678-615 (P9447)	1685

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DILWORTH & BARRESE, LLP  
333 EARLE OVINGTON BLVD.  
UNIONDALE, NY 11553

EXAMINER

PHAM, BRENDA H

ART UNIT PAPER NUMBER

2664

DATE MAILED: 10/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/838,895

Applicant(s)

PARK ET AL.

Examiner

Brenda Pham

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-5 and 14-17 is/are allowed.
- 6) ☒ Claim(s) 6-10 and 13 is/are rejected.
- 7) ☐ Claim(s) 11 and 12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

*Brenda A. Pham*  
10/11/05

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Claims 1-17 are currently pending in this application.

#### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over THAKKER (US 6,487,602 B1).

Claims 6 and 7, THAKKER discloses a method for providing multimedia service, comprising the steps for multimedia information by a user of a mobile communication terminal; retrieving the multimedia information requested by the user from the web server; and displaying the multimedia information received, in response to the request, from the web server by wireless on a display as a moving image (see column 5, lines 23-25 and figure 3).

THAKKER further teaches wherein the multimedia information transmitted from the web server via the Internet is stored in a server of a mobile switching center, and is then wirelessly transmitted to the mobile communication terminal (column 5, lines 5-25). According to column 5, line 5-25 in THAKKER, The AM 15 within the MSC/VLR, extracts the requested information 148, the requested information 148 is stored in the database 16 of MSC/VLR 14 while the MSC/VLR 14 pages the MS 20 and sends this

requested information 148 back to the MS 20 in a mobile terminated MSS message 140b.

Although THAKKER fails to teach requesting the user to input a user ID for connection to the web server and allowing the user to access the web server if the input ID is identical to a user ID registered in the web server, these limitation is well known in the art. THAKKER shows a web servers for e-commerce and inherent would include the use of passwords. In the alternative, though THAKKER does not explicitly show the use of passwords by the web server it would have been obvious in view of the commerce suggested by THAKKER. E-commerce includes purchasing goods and services over the world wide web which the web server of THAKKER serves. To ensure the goods and services are purchased or used by authorized users in the e-commerce environment, web sits serviced by servers include security measures including passwords associated with user identification to authenticate user. Hence, it would have been obvious to use password authentication in THAKKER to ensure authorized e-commerce transactions.

4. Claims 8, 10 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over THAKKER (US 6,487,602 B1), in view of FRYER (US 6,233,428 B1).

Claims 8, 10, 13, as explained in the rejection statement of claim 6 (parent claim), THAKKER discloses all claim limitations recited in parent claim. THAKKER does not teach wherein the web server is a security server, which stores security condition image data inputted through cameras established in area of a particular place,

and provided security condition image data of an area requested by the mobile communication terminal to the mobile communication terminal.

FRYER, in the same field of endeavor, teaches that a child care monitoring network integrates a centralized information dissemination system with live streaming video to increase parental involvement with child care workers and improve child care worker training, including provision for enabling parents to monitor their children during the workday over the Internet (see abstract and figure 1, 2).

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implementing a child care monitoring system, such as that teach by FRYER, to enabling parents to view their children during the workday at child care centers and schools.

5. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over THAKKER (US 6,487,602 B1), in view of LAPPENBUSCH et al (US 5,982,298).

Claim 9, as explained in the rejection statement of claim 6 (parent claim), THAKKER discloses all claim limitation recited in parent claim. THAKKER does not teach wherein the web server is a traffic information server, which stores traffic condition image data inputted through cameras established on a plurality of roads, and provides traffic condition image data of a road requested by the mobile communication terminal to the mobile communication terminal.

LAPPENBUSCH et al, in the same field of endeavor, teach according to column 2, lines 1-67), a web server 26 of figure 1 which stores traffic condition image data

inputted through cameras (14) established on a plurality of roads, and provides traffic condition image data of a road requested by users.

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement a traffic information server, in THAKKER t provide real-time traffic information to the public via the internet.

***Allowable Subject Matter***

6. Claims 1-5 and 14-17 are allowed over prior art.
7. Claims 11 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
8. The following is a statement of reasons for the indication of allowable subject matter: the prior art made of record does not teach or fairly suggests in combination wherein the video data, transmitted from a video server via the internet, is stored in a Video-On-Demand (VOD) contents database of a VOD server of a mobile switching center, and then transmitted to the mobile communication terminal by wireless.

The prior art made of record fails to teach or fairly suggests in combination wherein the traffic condition image data, transmitted from a traffic information server via the Internet, is stored in a Video-On-Demand (VOD) contents database of a VOD server of the mobile switching center, and then transmitted to the mobile communication terminal by wireless.

***Response to Arguments***

9. Applicant's arguments filed 09/29/05 have been fully considered but they are not persuasive. Applicant argued that THAKKER does not teach "the multimedia information transmitted from the web server via the Internet is stored in a server of a mobile switching center, and is then wirelessly transmitted to the mobile communication terminal". Examiner respectfully disagrees with Applicant's response because THAKKER indeed teach this limitation. According to column 5, lines 1-24, THAKKER teach the AM 15 within the MSC/VLR 14, extract the requested information 148. The information is inherently stored in the database 16 while the MSC/VLR 14 pages the MS 20 and sends this requested information 148 back to the MS 20 in a mobile terminated SMS message 140b (also see figure 5).

***Conclusion***

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

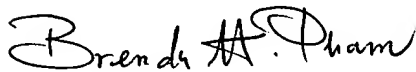
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

October 12, 2005

Brenda Pham

A handwritten signature in cursive script that reads "Brenda A. Pham". The signature is written in dark ink and is positioned below the printed name "Brenda Pham".